

WHAT IS CLAIMED IS:

1. A computer readable medium having instructions, which when executed on a computer generate client side markup for a client in a client/server system, the instructions comprising:

a set of controls for defining a dialog, the controls comprising at least a question control for generating markup related to audible prompting of a question, and an answer control for generating markup related to a grammar for recognition, each of the controls having an attribute to indicate whether the associated control is available for activation; and a module, when executed on the client, creates a dialog as a function of which controls are activated.

2. The computer readable medium of claim 1 wherein the question control activates the answer control.

3. The computer readable medium of claim 2 wherein the controls comprise:

a command control for generating markup related to a grammar for one of navigation in the markup, help with a task, and repeating an audible prompt.

4. The computer readable medium of claim 3 wherein the controls comprise:

a confirmation control for generating markup related to confirming that a recognized result is correct.

5. The computer readable medium of claim 4 wherein the confirmation control is activated as a function of a confidence level or a received result.

6. The computer readable medium of claim 5 wherein the answer control includes an attribute related to a confidence level.

7. The computer readable medium of claim 5 wherein the confirmation control activates an accept control to accept the recognized result.

8. The computer readable medium of claim 5 wherein the confirmation control activates a deny control to deny the recognized result.

9. The computer readable medium of claim 5 wherein the confirmation control activates a correct control to correct the recognized result.

10. The computer readable medium of claim 1 wherein the question control activates the answer control.

11. The computer readable medium of claim 10 wherein the answer control includes a mechanism to associate a received result with one of the first set of controls.

12. The computer readable medium of claim 11 wherein mechanism includes binding the recognition value.

13. The computer readable medium of claim 12 wherein the mechanism includes issuing an event related to operation of binding.

14. The computer readable medium of claim 1 and further comprising a second set of controls for generating markup related to visual rendering on a client, wherein each control of the first-mentioned set of controls is associated with at least one of the controls of the second set of controls.

15. A computer readable medium having instructions, which when executed on a computer define a dialog, the instructions comprising:

a set of controls for defining a dialog, the controls comprising at least a question control for generating an audible prompt

of a question, and an answer control using a grammar for recognition, each of the controls having an attribute to indicate whether the associated control is available for activation; and a module, which when executed on the computer, creates a dialog as a function of which controls are activated.

16. The computer readable medium of claim 15 wherein the question control activates the answer control.

17. The computer readable medium of claim 16 wherein the controls comprise:

a command control for generating code related to a grammar for one of navigation in the markup, help with a task, and repeating an audible prompt.

18. The computer readable medium of claim 17 wherein the controls comprise:

a confirmation control for generating code related to confirming that a recognized result is correct.

19. The computer readable medium of claim 18 wherein the confirmation control is activated as a function of a confidence level or a received result.

20. The computer readable medium of claim 19 wherein the answer control includes an attribute related to a confidence level.

21. The computer readable medium of claim 19 wherein the confirmation control activates an accept control to accept the recognized result.

22. The computer readable medium of claim 19 wherein the confirmation control activates a deny control to deny the recognized result.

23. The computer readable medium of claim 19 wherein the confirmation control activates a correct control to correct the recognized result.

24. The computer readable medium of claim 15 wherein the question control activates the answer control.

25. The computer readable medium of claim 24 wherein the answer control includes a mechanism to associate a received result with one of the first set of controls.

26. The computer readable medium of claim 25 wherein mechanism includes binding the recognition value.

27. The computer readable medium of claim 26 wherein the mechanism includes issuing an event related to operation of binding.

28. The computer readable medium of claim 15 and further comprising a second set of controls related to visual rendering, wherein each control of the first-mentioned set of controls is associated with at least one of the controls of the second set of controls.

29. A computer implemented method for performing recognition and/or audible prompting on a computer, the method comprising:

defining a dialog with a set of controls, the set of controls comprising at least a question control for generating an audible prompt of a question, and an answer control using a grammar for recognition, each of the controls having an attribute to indicate whether the associated control is available for activation; and

creating a dialog as a function of execution of code related to which controls are activated.

30. The computer implemented method of claim 29 wherein creating the dialog includes activation of the answer control through the question control.

31. The computer implemented method of claim 30 wherein the set of controls include a command control for generating code related to a grammar for one of navigation in the markup, help with a task, and repeating an audible prompt.

32. The computer implemented method of claim 31 wherein the set of controls include a confirmation control for generating code related to confirming that a recognized result is correct.

33. The computer implemented method of claim 32 wherein creating the dialog includes activation of the confirmation control as a function of a confidence level or a received result.